

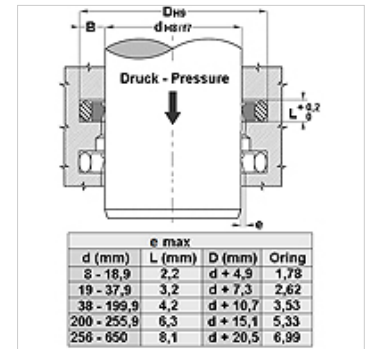
## Properties

<b>Design</b>	Rod packing set
<b>Operating pressure</b>	up to 700 bar
<b>Sliding speed max.</b>	15,0 m/s
<b>Temp. min.</b>	-30 °C
<b>Temp. max.</b>	110 °C
<b>Media</b>	Mineral oils Water emulsions
<b>Installation</b>	first bend the O-ring and then the PTFE ring into a kidney shape and press into the locating groove (from 30 mm).
<b>Material</b>	(1) Dynamic seal: PTBR (2) Static seal: NBR
<b>Application</b>	Hydraulics



Spaltmaß / Clearance			
e max			
L	0-200 bar	200-400 bar	400-700 bar
2,2 - 3,2	0,15	0,10	f7 / H8
4,2 - 6,3	0,25	0,15	f7 / H8
8,1	0,40	0,20	f7 / H8

Toleranz / Tolerance		
d	D	L
H8 / F7	H9	0/+0,2



## Description

Low spatial requirement.  
High extrusion resistance.  
low break-loose torque and dynamic friction  
Long service life.

## Ordering information

We are able to produce GR/IGRL seals with diameters 20 to 510 mm with short lead times. Dimensions can be calculated from table 44.1.

## Item

Identification	d (mm)	D (mm)	L (mm)
IGRL 0200 B 554470	20	27,3	3,2
IGRL 0220 B 554470	22	29,3	3,2
IGRL 0250 B 554470	25	32,3	3,2
IGRL 0280 B 554470	28	35,3	3,2
IGRL 0300 B 554470	30	37,3	3,2
IGRL 0350 B 554470	35	42,3	3,2
IGRL 0360 B 554470	36	43,3	3,2
IGRL 0400 B 554470	40	50,7	4,2
IGRL 0450 B 554470	45	55,7	4,2
IGRL 0500 B 554470	50	60,7	4,2
IGRL 0550 B 554470	55	65,7	4,2
IGRL 0560 B 554470	56	66,7	4,2
IGRL 0600 B 554470	60	70,7	4,2
IGRL 0650 B 554470	65	75,7	4,2
IGRL 0700 B 554470	70	80,7	4,2
IGRL 0800 B 554470	80	90,7	4,2
IGRL 0900 B 554470	90	100,7	4,2
IGRL 1000 B 554470	100	110,7	4,2
IGRL 1300 B 554470	130	140,7	4,2